

| FAST - (10774886.wsp.1)          |      |        |  | 8/2/23        |            |
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|                                  | Type | Hits   | Search Text  | DBs           | Time Stamp |
| (23)                             | 1    | BRS 23 | ((underneath or beneath or under) adj (((power or ground or gnd or "v.sub.dd" or "v.sub.ss" or "v.sub.pp") adj (rail or li   | USPAT; US-PGP | 2004/09/11 |
| (3)                              | 2    | BRS 12 | ((underneath or beneath or under) adj (((power or ground or gnd or "v.sub.dd" or "v.sub.ss" or "v.sub.pp") adj (rail or li   | USPAT; US-PGP | 2004/09/11 |
| (12)                             | 3    | BRS 0  | ((underneath or beneath or under) adj (((power or ground or gnd or "v.sub.dd" or "v.sub.ss" or "v.sub.pp") adj (rail or li   | USPAT; US-PGP | 2004/09/11 |
| (23)                             | 4    | BRS 0  | ((power or ground or gnd or "v.sub.dd" or "v.sub.ss" or "v.sub.pp") adj (rail or line or bus)) ab. ) and (257/691.ccls.)     | USPAT; US-PGP | 2004/09/11 |
| (0)                              | 5    | BRS 1  | ((underneath or beneath or under) adj (power or ground or gnd or "v.sub.dd" or "v.sub.ss" or "v.sub.pp") adj (rail or lin    | USPAT; US-PGP | 2004/09/11 |
| (0)                              | 6    | BRS 1  | ((underneath or beneath or under) adj (power or ground or gnd or "v.sub.dd" or "v.sub.ss" or "v.sub.pp") ) and (257/         | USPAT; US-PGP | 2004/09/11 |
| (0)                              | 7    | BRS 5  | ((power or ground or gnd or "v.sub.dd" or "v.sub.ss" or "v.sub.pp") adj "over" and (257/691.ccls.) and (@ad<20040            | USPAT; US-PGP | 2004/09/11 |
| (1)                              | 8    | BRS 0  | ((regulator near (transistor or mosfet or fet or misfet or igfet)) with (periphery or peripheral or outer) ) and (257/691.c  | USPAT; US-PGP | 2004/09/11 |
| (19)                             | 9    | BRS 2  | "6683767"  | USPAT; US-PGP | 2004/09/11 |
| (1)                              | 10   | BRS 19 | ((underneath or beneath or under) adj (power or ground or gnd or "v.sub.dd" or "v.sub.ss" or "v.sub.pp") ) and (257/6        | USPAT; US-PGP | 2004/09/11 |
| (5)                              | 11   | BRS 1  | ((regulator with (transistor or mosfet or fet or misfet or igfet)) with (periphery or peripheral or outer) ) and (257/691.c  | USPAT; US-PGP | 2004/09/11 |
| (0)                              | 12   | BRS 8  | (regulator and core and ((257/\$3.cor.) or (438/\$3.cor.)) and (@ad<20040210 or @rlad<20040210)) and (regulator wi           | USPAT; US-PGP | 2004/09/11 |
| (1)                              | 13   | BRS 1  | "20030076640"  | USPAT; US-PGP | 2004/09/11 |
| (1)                              | 14   | BRS 23 | ((underneath or beneath or under) adj (((power or ground or gnd or "v.sub.dd" or "v.sub.ss" or "v.sub.pp") adj (rail or li   | USPAT; US-PGP | 2004/09/11 |
| (2)                              | 15   | BRS 8  | "6141192"  | USPAT; US-PGP | 2004/09/11 |
| (8)                              | 16   | BRS 5  | "5237395"  | USPAT; US-PGP | 2004/09/11 |
| (1)                              | 17   | BRS 1  | ((underneath or beneath or under) near (rail or line) ) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@ad<20040210 or @        | USPAT; US-PGP | 2004/09/11 |
| (8)                              | 18   | BRS 15 | ((underneath or beneath or under) near (rail ) ) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@ad<20040210 or @rlad<20        | USPAT; US-PGP | 2004/09/11 |
| (5)                              | 19   | BRS 18 | ((underneath or beneath or under) near2 (rail ) ) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@ad<20040210 or @rlad<         | USPAT; US-PGP | 2004/09/11 |
| (20)                             | 20   | BRS 33 | ((underneath or beneath or under) near2 (rail ) ) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@ad<20040210 or @rlad<2        | USPAT; US-PGP | 2004/09/11 |
| (1)                              | 21   | BRS 2  | "02250370"   | JPO; DERWENT  | 2004/09/11 |
| (15)                             | 22   | BRS 1  | "6121645".PN   | USPAT         | 2004/09/11 |
| (33)                             | 23   | BRS 1  | "5401989".PN   | USPAT         | 2004/09/11 |
| (18)                             | 24   | BRS 1  | "5307309".PN   | USPAT         | 2004/09/11 |
| (23)                             | 25   | BRS 1  | "4511914".PN   | USPAT         | 2004/09/11 |
| (2)                              | 26   | BRS 7  | ((crown and core) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@ad<20040210 or @rlad<20040210) ) not (dram or dyna            | USPAT; US-PGP | 2004/09/11 |
| (1)                              | 27   | BRS 11 | ((transistor or mosfet or fet or misfet or igfet) with rail with located ) ) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@ad | USPAT; US-PGP | 2004/09/11 |
| (1)                              | 28   | BRS 16 | "5401989" "6121645" and (@ad<20040210 or @rlad<20040210)   | USPAT; US-PGP | 2004/09/11 |
| (1)                              | 29   | BRS 23 | ((underneath or beneath or under) near2 (supply ) ) with supply not (normal or operating or conditions) ) and ((257/\$3      | USPAT; US-PGP | 2004/09/11 |
| (1)                              | 30   | BRS 0  | (617620.pn.) and pattern   | USPAT; US-PGP | 2004/09/13 |
| (1)                              | 31   | BRS 3  | "59169166"   | JPO; DERWENT  | 2004/09/13 |
| (7)                              | 32   | BRS 6  | ((power adj stage) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@ad<20040210 or @rlad<20040210) ) and (control adj s          | USPAT; US-PGP | 2004/09/13 |
| (11)                             | 33   | BRS 12 | ((master adj slice) or master\$1slice) and regulator   | USPAT; US-PGP | 2004/09/13 |
| (16)                             | 34   | BRS 22 | ((master adj slice) or master\$1slice or fpga or (field adj programmable) or field\$1programmable) and regulator) and (      | USPAT; US-PGP | 2004/09/13 |
| (23)                             | 35   | BRS 4  | ((regulator with (plan\$1view or (plan adj view)) ) ) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@ad<20040210 or @rlad<     | USPAT; US-PGP | 2004/09/13 |
| (6)                              | 36   | BRS 23 | ((underneath or beneath or under) adj (power ) ) with power not (normal or operating or conditions) ) and ((257/\$3.c        | USPAT; US-PGP | 2004/09/13 |
| (0)                              | 37   | BRS 13 | ((below) adj (power ) ) with power not (normal or operating or conditions) ) and ((257/\$3.cor.) or (438/\$3.cor.)) and      | USPAT; US-PGP | 2004/09/13 |
| (3)                              | 38   | BRS 22 | ((power or voltage or supply or gnd or ground) adj line) with regulator ) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@a     | USPAT; US-PGP | 2004/09/13 |
| (12)                             | 39   | BRS 7  | "6355502" "6347357" "6331977" "6046577" "5966004" "5731686" "6366506".PN   | USPAT; US-PGP | 2004/09/13 |
| (22)                             | 40   | BRS 22 | ((power or voltage or supply or gnd or ground) adj line) with regulator ) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@a     | USPAT; US-PGP | 2004/09/13 |
| (4)                              | 41   | BRS 1  | ((power or voltage or supply or gnd or ground) adj ring) with regulator ) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@      | USPAT; US-PGP | 2004/09/13 |
| (13)                             | 42   | BRS 0  | ((underneath or beneath or under or below) adj (power or voltage or supply or gnd or ground) adj line) and ((257/\$3         | USPAT; US-PGP | 2004/09/13 |
|                                  | 43   | BRS 1  | "5446410".PN   | USPAT         | 2004/09/13 |

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| (23)                    | 38   | BRS 22 | (( (power or voltage or supply or gnd or ground) adj line) with regulator ) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@a | USPAT; US-PGP               | 2004/09/13 |
| (3)                     | 39   | BRS 7  | ("6355502" "6347357" "6331977" "6048577" "5886004" "5731686" "6366508").PN.  | USPAT; US-PGP               | 2004/09/13 |
| (12)                    | 40   | BRS 22 | (( (power or voltage or supply or gnd or ground) adj line) with regulator ) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@a | USPAT; US-PGP               | 2004/09/13 |
| (23)                    | 41   | BRS 1  | (( (power or voltage or supply or gnd or ground) adj ring) with regulator ) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@  | USPAT; US-PGP               | 2004/09/13 |
| (0)                     | 42   | BRS 0  | (( (underneath or beneath or under or below) adj (power or voltage or supply or gnd or ground) adj line) and ((257/\$3     | USPAT; US-PGP               | 2004/09/13 |
| (0)                     | 43   | BRS 1  | "5446410".PN.  | USPAT                       | 2004/09/13 |
| (0)                     | 44   | BRS 1  | "5866924".PN.  | USPAT                       | 2004/09/13 |
| (1)                     | 45   | BRS 29 | (( (underneath or beneath or under or below) adj (power or voltage or supply or gnd or ground) adj line) and ((257/\$3     | USPAT; US-PGP               | 2004/09/13 |
| (19)                    | 46   | BRS 1  | "5892250".PN.  | USPAT                       | 2004/09/13 |
| (1)                     | 47   | BRS 2  | "04048778"   | JPO; DERWENT                | 2004/09/13 |
| (5)                     | 48   | BRS 3  | (( gate adj array) and regulator and ((257/\$3.cor.) or (438/\$3.cor.)) and (@ad<20040210 or @rlad<20040210) ) and         | USPAT; US-PGP               | 2004/09/13 |
| (0)                     | 49   | BRS 3  | (( gate adj array) and regulator and ((257/\$3.cor.) or (438/\$3.cor.)) and (@ad<20040210 or @rlad<20040210) ) and         | USPAT; US-PGP               | 2004/09/13 |
| (1)                     | 50   | BRS 15 | (( (peripheral or outer or periphery) with regulator ) and ((257/\$3.cor.) or (438/\$3.cor.)) and (@ad<20040210 or @r      | USPAT; US-PGP               | 2004/09/13 |
| (1)                     | 51   | BRS 4  | (( (underneath or beneath or under or below) with regulator with (wire or line or interconnect)) and ((257/\$3.cor.) or (4 | USPAT; US-PGP               | 2004/09/13 |
| (2)                     | 52   | BRS 1  | (( (underneath or beneath or under or below or over) with regulator ) and ((regulator and ((257/202-211.ccls.) or (438/    | USPAT; US-PGP               | 2004/09/13 |
| (8)                     | 53   | BRS 0  | "67181238"   | USPAT; US-PGP               | 2004/09/13 |
| (1)                     | 54   | BRS 1  | "6781238"  | USPAT; US-PGP               | 2004/09/13 |
| (8)                     | 55   | BRS 10 | ( "4949150"  | USPAT; US-PGP               | 2004/09/13 |
| (5)                     | 56   | BRS 0  | "42117138"   | JPO; DERWENT                | 2004/09/13 |
| (1)                     | 57   | BRS 0  | "40117138"   | JPO; DERWENT                | 2004/09/13 |
| (1)                     | 58   | BRS 2  | "02117138"   | JPO; DERWENT                | 2004/09/13 |
| (15)                    | 59   | BRS 4  | "5434436"  | USPAT; US-PGP               | 2004/09/13 |
| (33)                    | 60   | BRS 4  | ( "5434436"  | USPAT; US-PGP               | 2004/09/13 |
| (18)                    | 61   | BRS 27 | (regulator with noise) and ((257/\$3.cor.) or (438/\$3.cor.))  | USPAT; US-PGP               | 2004/09/16 |
| (23)                    | 62   | BRS 6  | (regulator with noise not diode) and ((257/\$3.cor.) or (438/\$3.cor.))  | USPAT; US-PGP               | 2004/09/16 |
| (2)                     | 63   | BRS 1  | ((dc adj voltage adj regulator) with noise not diode)  | USPAT; US-PGP               | 2004/09/16 |
| (1)                     | 64   | BRS 5  | ((dc adj voltage adj regulator) with noise )   | USPAT; US-PGP               | 2004/09/16 |
| (1)                     | 65   | BRS 3  | "6121645"  | USPAT; US-PGP               | 2004/09/16 |
| (1)                     | 66   | BRS 2  | ("20020014914" "20010035555" "5434436").PN. and (capacitor)  | USPAT; US-PGP               | 2004/09/18 |
| (1)                     | 67   | BRS 24 | (((((underneath or beneath or under) near2 (supply )) with supply_not (normal or operating or conditions) ) and ((257/\$3  | USPAT; US-PGP               | 2004/09/18 |
| (1)                     | 68   | BRS 28 | (((((underneath or beneath or under) near2 (supply )) with supply_not (normal or operating or conditions) ) and (@ad<      | JPO; DERWENT                | 2004/09/18 |
| (7)                     | 69   | BRS 1  | (((((underneath or beneath or under) near2 (supply )) with supply_not (normal or operating or conditions) ) and (@ad       | JPO; DERWENT                | 2004/09/18 |
| (11)                    | 70   | BRS 1  | "6781238"  | USPAT; US-PGP               | 2004/09/18 |
| (16)                    | 71   | BRS 3  | ("20020014914" "20010035555" "5434436").PN.  | USPAT; US-PGP               | 2004/09/29 |
| (23)                    | 72   | BRS 1  | "1143513"  | EPO                         | 2004/09/29 |
| (6)                     | 73   | BRS 5  | "1143513"  | DERWENT                     | 2004/09/29 |
| (0)                     | 74   | BRS 3  | "4327290"  | DERWENT                     | 2004/09/29 |
| (3)                     | 75   | BRS 17 | (US-6617620-\$ or US-6492205-\$ or US-6339235-\$ or US-5239201-\$ or US-5517042-\$ or US-6683767-\$ or US-6583             | USPAT; US-PGP               | 2004/09/29 |
| (12)                    | 76   | BRS 0  | (US-6617620-\$ or US-6492205-\$ or US-6339235-\$ or US-5239201-\$ or US-5517042-\$ or US-6683767-\$ or US-6583             | USPAT; US-PGP               | 2004/09/29 |
| (22)                    | 77   | BRS 0  | (US-6617620-\$ or US-6492205-\$ or US-6339235-\$ or US-5239201-\$ or US-5517042-\$ or US-6683767-\$ or US-6583             | USPAT; US-PGP               | 2004/09/29 |
| (4)                     | 78   | BRS 1  | "20040159894"  | USPAT; US-PGP               | 2004/09/29 |
| (13)                    | 79   | BRS 3  | ("20020014914" "20010035555" "5434436").PN.  | USPAT; US-PGP               | 2004/09/29 |